

ABSTRACT

A corrosion prevention method includes coating a lamination of layered steel parts. The lamination is vacuum-impregnated with an acrylic resin having a high permeability. The acrylic resin fills the gaps between the steel layers of the lamination and is cured. Then, an insulation coating is applied using anion electrodeposition. The gaps and edges of the steel parts are protected by the highly corrosion-resistant resin. Consequently, the lamination is highly corrosion-resistant.